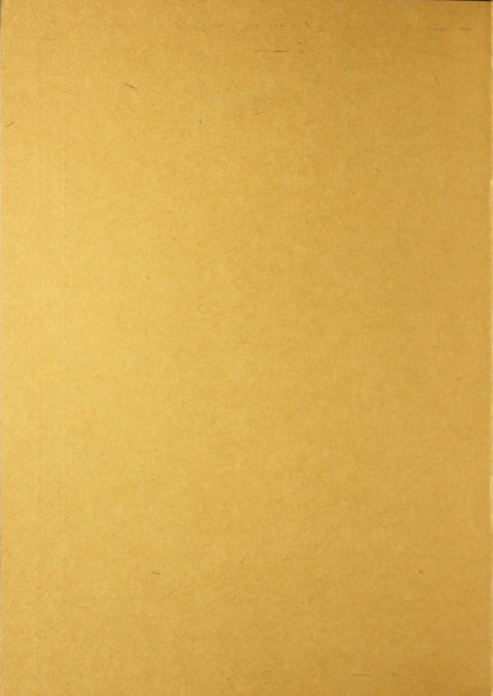


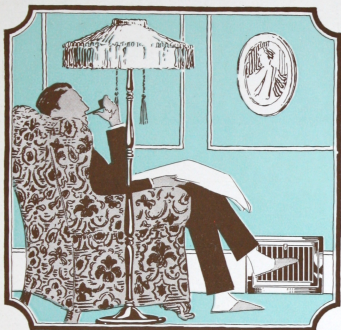
173-9.

HEATING *your* HOME

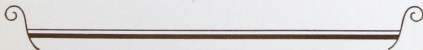
Hot air Heat







WITH
WARM
AIR



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THE HART & COOLEY COMPANY
NEW BRITAIN, CONN.

Printed in U. S. A.

RELIABLE STATISTICS show the death rate is 30% higher in the winter months.

Why is this?

We breathe fresh outdoor air in summer. During most of each day in winter, we breathe indoor air warmed by some method.

The quality of the air we breathe must account, in some measure, for the increased mortality in the winter months. This question of home heating, is, therefore, of vital importance.

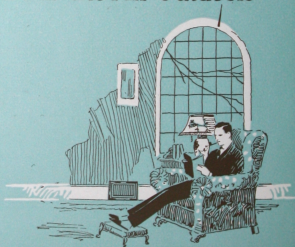
The warm air heating system (briefly told) consists of a simple heating unit, preferably located in the basement of a home.

This system draws a certain controllable amount of fresh air to the base of the heating unit or furnace.

It warms this air, adding the very essen-



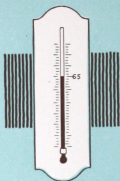
The Air in your Home
should be as Fresh and
moist as the Air Outdoors



tial moisture and delivers it fresh and of proper humidity, into the various rooms.

Advantages:

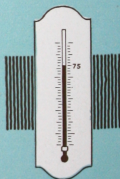
1. The original investment is small.
2. It is more easily understood and operated and much more flexible than other heating systems.
3. It begins to deliver heat immediately after the fire is started.
4. On account of its quick action, it is a wonderful convenience in early Fall and late Spring. An accumulation of waste paper or kindling often supplies all the heat needed for chilly mornings.
5. It responds at once to draft control whether regulated by hand or thermostat.



Moist Air~
Comfortable
at 65°

Warm Air System
Saves 10 to 25%
in Fuel

Dry Air ~
Cold at 75°



6. It supplies moisture in proper proportion to the air in every room.
7. It provides one large radiating surface out of sight in the basement where it absorbs heat directly from the fuel. All space-robbing radiating surfaces upstairs are eliminated. It adds no weight to the building.
8. Gravity brings cool air down through register face in the first floor to this radiating surface where it becomes heated and humidified.
9. The heated moistened air rises through ducts within the walls to registers that occupy no space within the rooms.
10. The natural fall of cool air and rise of warm, moist air, creates a constant circulation of healthful atmosphere.



This hall is equipped with a Hart & Cooley No. 200 Warm Air Floor Register and a No. 607 Cold Air Outlet.

11. Modern methods of installation make the Warm Air system unrivalled for cleanliness.
12. A Warm Air heating system is flexible. It can be operated in mild weather to give only a trace of warmth. In zero weather it can be crowded to deliver a tremendous volume of heat.
13. It has nothing about it to freeze. The house may be left unheated in winter and there is not a moment's delay about starting the fire—no water to drain—none to fill in.
14. The furnace burns any fuel—wood, soft coal, coke, hard coal.
15. There being no water jacket around the fire pot to chill the fire, the fuel is burned completely.



This living room is equipped with a Hart & Cooley No. 173 1/4
Warm Air Baseboard Register.

16. It may be used with the approved types of oil burners.

The essential thing in a warm air heating system is the free flow of air to and from the furnace.

It is obvious that any obstruction to this free flow lessens the efficiency.

The fretwork of register faces is an obstruction.

The "free area" of a register face is the area of the open spaces. (The area of the fretwork must be deducted.)

Too often in the past, this point has had scant consideration, and the free circulation of air has been impeded.

The Registers and Cold Air Outlets illustrated in this booklet have a maximum of free area and a minimum of fretwork.



This dining room is equipped with a Hart & Cooley No. 200 Warm Air Floor Register and a No. 255 Cold Air Outlet.

New designs have been made to increase free area without sacrificing the necessary strength of fretwork.

Any warm air system will operate more efficiently if equipped with Hart & Cooley Registers and Cold Air Outlets.

Also: The design of Hart & Cooley Base-board and Sidewall Registers is free from dust-catching fretwork, easy to keep clean and much more sanitary.

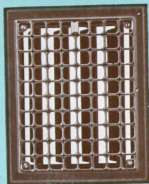
Use Hart & Cooley Registers in your heating system! They cost no more, and they insure the free circulation of air.





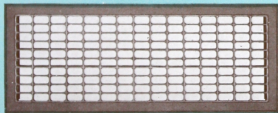
This bed room is equipped with a Hart & Cooley No. 370 Warm Air Side Wall Register and a No. 657 Cold Air Outlet

The Hart & Cooley Co. has made Warm Air Registers from unbreakable wrought steel for twenty-five years.



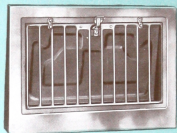
No. 200

This is a Hart & Cooley No. 200 Register for use in Floor. It cannot break and its free air capacity is unequalled.



No. 255

This is a Hart & Cooley No. 255 Cold Air Outlet, for use in floor, made long and narrow to avoid rug interference.



No. 173 $\frac{1}{4}$

This is a Hart & Cooley No. 173 $\frac{1}{4}$ Register for use in Baseboard. It is free from dust catching fretwork and its design insures free flow of warm air. No other register approaches it in all the essential features of warm air delivery.

This is a Hart & Cooley No. 370 Register for use in Side Wall above Baseboard; maximum free air capacity and with attractive convex face.



No. 370



No. 657

This is a Hart & Cooley No. 657 Cold Air Outlet for use in Baseboards; harmonizing in design with No. 173 $\frac{1}{4}$ Baseboard Register, avoiding cutting of floor where such an opening is objectionable.

